## ABSTRACT

## CATALYST PREPARATION METHOD

A process for the preparation of a supported catalyst is disclosed, comprising the steps of

- a) contacting a support material containing 1-10 % water with a trialkylaluminium compound; and
- b) contacting the resulting material with a complex of the formula (I)

$$R^{1}$$
 $R^{2}$ 
 $R^{3}$ 
 $R^{5}$ 
 $R^{7}$ 
 $R^{7}$ 

Formula (I)

wherein M is Fe[II], Fe[III], Co[II], Co[III], Mn[II], Mn[II], Mn[III], Mn[IV], Ru[III], Ru[III] or Ru[IV]; X represents an atom or group covalently or ionically bonded to the transition metal M; T is the oxidation state of the transition metal M and b is the valency of the atom or group X;  $R^1$  to  $R^7$  are each independently selected from hydrogen, halogen, hydrocarbyl, substituted hydrocarbyl, heterohydrocarbyl, substituted heterohydrocarbyl or SiR'3 where each R' is independently selected from hydrogen, halogen, hydrocarbyl, substituted hydrocarbyl, heterohydrocarbyl, substituted heterohydrocarbyl, substituted heterohydrocarbyl.